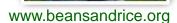


#### 21st CCLC Fall Academy

**Afterschool STEM Clubs** 







info@beansandrice.org (540) 633-6270



#### This is me!





- •Connect with me on LinkedIn:
- •ebucey@beansandrice.org
- •http://www.linkedin.com/in/beansandriceed









#### This is Chris!

- Radford University, Sociology '10
- Elementary
   Afterschool Dircetor
- YMCA Councilor
- Prison Ministry
- Interests Church, friends, outdoors, sports, family, cooking









## Beans and Rice, Inc.

**Building Assets and Capacities** 

#### **Mission Statement**

Beans and Rice is a community economic development organization that improves the economic well-being of low and moderate income families and children through community education and asset development programs.







### **Program Services & Activities**

#### Hunger Relief

- Food Distribution
- Backpacks

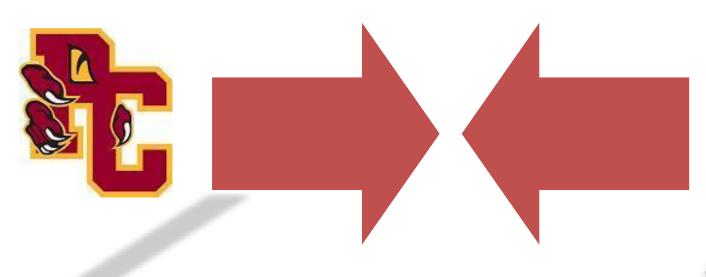
#### Capacity Development

- Afterschool
- ParentalEngagement
- ContainerGardening

#### **Asset Building**

- Micro Loans
- Individual Development Accounts
  - CreditCounseling

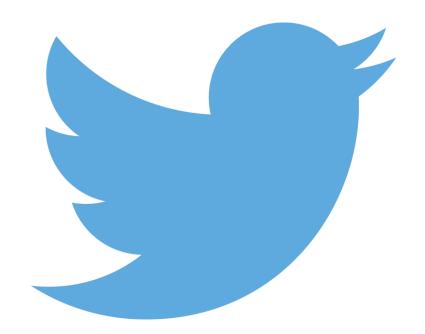
## 21st CCLC Partnership





info@beansandrice.org (540) 633-6270





https://twitter.com/BeansAndRiceInc







https://www.facebook.com/beansandriceinc



## Beans and Rice, Inc. Building Assets and Capacities

#### **Project Instructions**

- •Groups of 4 5
- Define a common problem in your student population, program, school
- Develop a product prototype to solve the problem
- Spokesperson sells the product to the group









Food Security

- Increasing # on food stamps
- Increasing # free/reduced lunch

Economic Opportunity

- Rising poverty
- Low median income

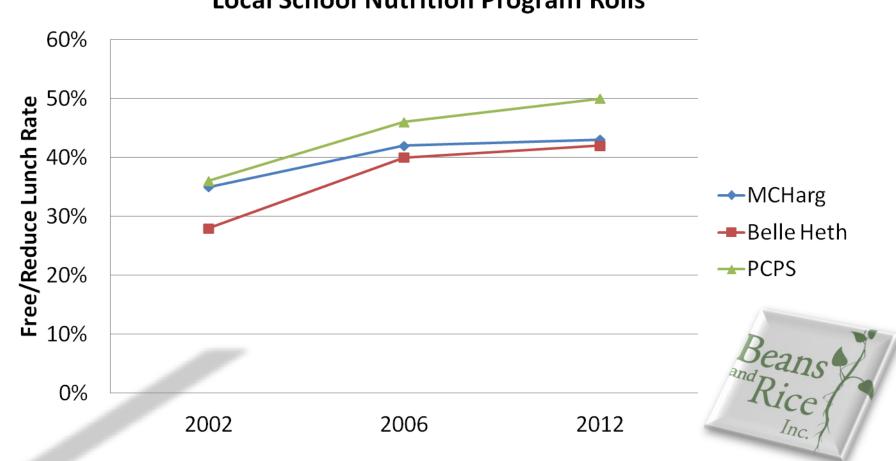
Academic Achievement

- Disadvantaged pass rates
- Graduation indicators



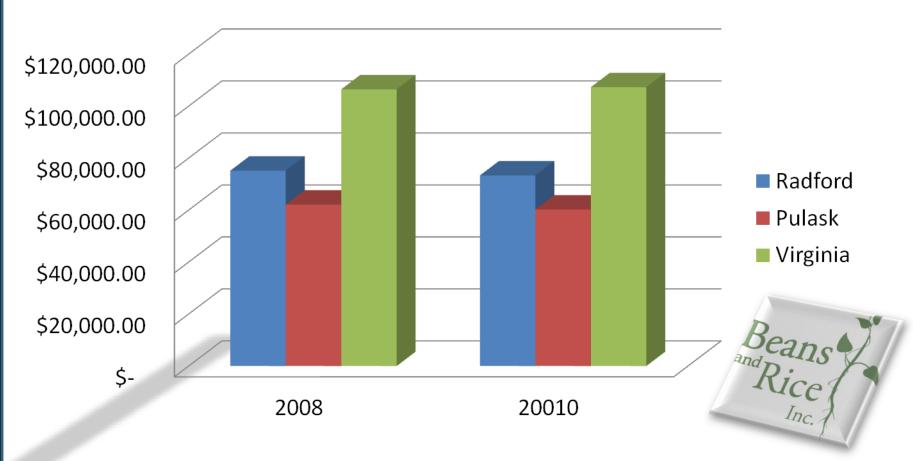
## **Food Insecurity**





#### **Economic Distress**

#### **Married Joint Returns Adjusted Gross Income**



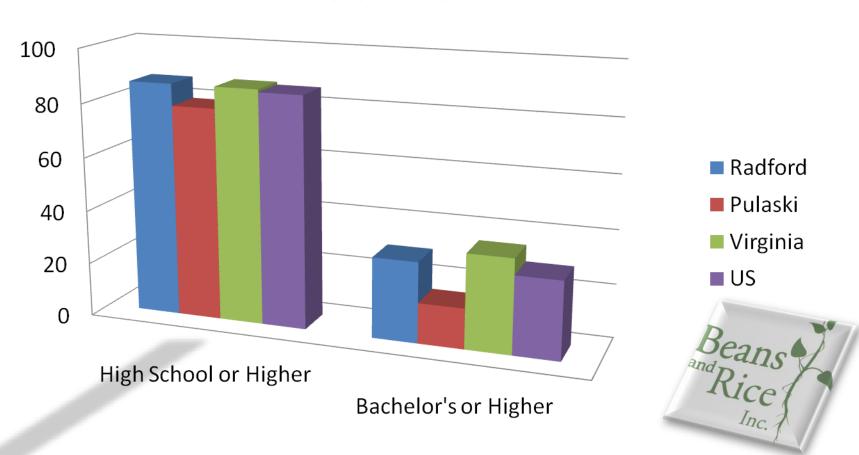
## Achievement Gaps - Pulaski

- In 2012-13 Division did not meet AMOs
- For 4 years federal graduation indicator lagged statewide average by 4-7 points
- Economically disadvantaged high school math pass rates were 15 points lower than overall
- Improvement plan required



#### **Educational Attainment**





# STRATEGY





**OST Engagement** 

Before and afterschool tutoring, homework help, credit recovery, STEM Clubs, parental education and involvement, summer enrichment



Project Learning STEM Search Petty -Institute 40 Edvance Clubs **Dev Assets** Research Beans Rice Inc. Rescue Social Change Group

## Agenda

1st Year Implementation – Hover Craft

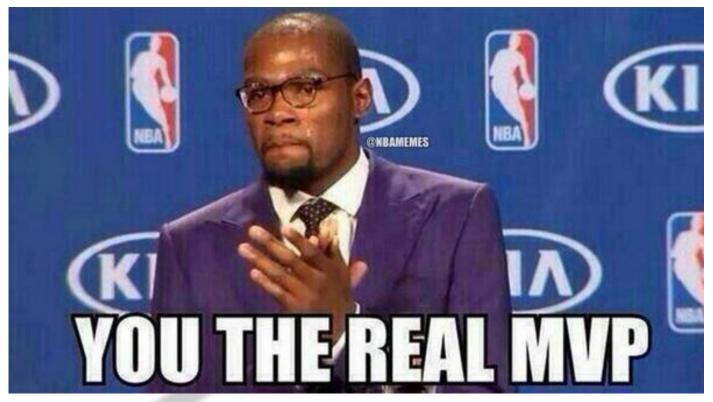
Lessons Learned

2nd Year Implementation - Examples

Recommendations



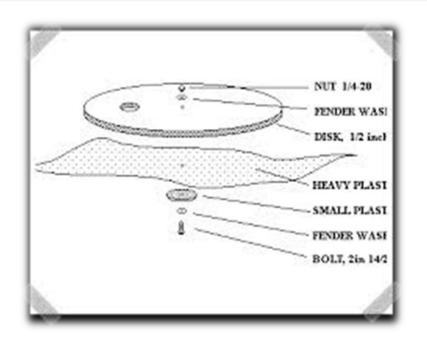
#### **Session Goals**





#### The Hover Craft Club - Year 1

- Request for Proposal (RFP)
  - Program idea,goals, objectives,and lesson plan.
- Project Timeline
- Project Budget -Material and supplies
- Challenges
- What students learned







**The Project Vision** 

Mr. Christian Miller, Pulaski County High School Faculty







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Beans Pice Inc.



Rice Inc.

#### **Lessons Learned**

Need to generate faculty buy in at end of school year

Sell, Sell, Sell the concept

Needed more than 1 pitch, message, required 4-5 lead follow ups

Create profiles of model/desired clubs

Clarified RFP timeline



## Where We're Going - Year 2

- Request for Proposals (RFP)
  - 12 Program Applications
  - Review Process
    - STEM Focus, Cost Per Sheet, Equitable Dollar
  - Weekly Cost Budget
  - Program Map
- Nine Selected STEM Focused Programs(Clubs)
  - Bowling, Culinary Arts, Electricity,
     Engineering, Fitness, History through
     Film, Meteorology,
     Photography/Media.
  - Currently working on partnership with YMCA for Swimming and Nutrition





## **Electricity Club**

- Discover principles of energy conservation
- Explore Alternative Energy Solutions (solar, windmills, recycling, etc.)
- Lifestyle and environmental management practices.



## History through Film

- Explore wars and current events
- Watching and critique films
- Create documentary
- Learn to engage and compare with historical events



## STEM Club RFP Recommendations

Empower Teachers

Set Budget Range

**Scoring Sheet** 

Partner Proposals

Priority points for targeted clubs

Reduce, Recycle, Reuse





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#### **Question & Answer**





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